

ABSTRACT

A camera system for the supervision of at least one dead angle, including an electro-optical detector device, suitable to acquire images picked up from the exterior and at least one system for processing and analyzing the signals obtained by the camera and comprising two electrically interconnected and communicated modules comprising (a) a first module comprising  
5 an electro-optical detector device and processing devices, and (b) a second module, acting also as vehicle interface, distanced to the previous one, operating the components of the two modules at, at least, two different voltage levels, the division in two modules a distribution of the zones supplied to certain voltage levels and intercommunicated, and of the zones susceptible to generate heat, reducing the dissipation needs and screening the sensitive  
10 circuitry of first module.